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Instructions

Tektronix

RM3100
Rackmount Kit

071-1758-01

www.tektronix.com

071175801

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RM3100 Rackmount Kit

Kit Description

The RM3100 is designed for use with the AFG3000 Series Arbitrary/Function Generators.

WARNING. *These instructions are for qualified personnel only. To avoid personal injury, do not assemble or install this kit unless you are qualified to do so. Before proceeding, remove all cables from the instrument, including the power cable.*

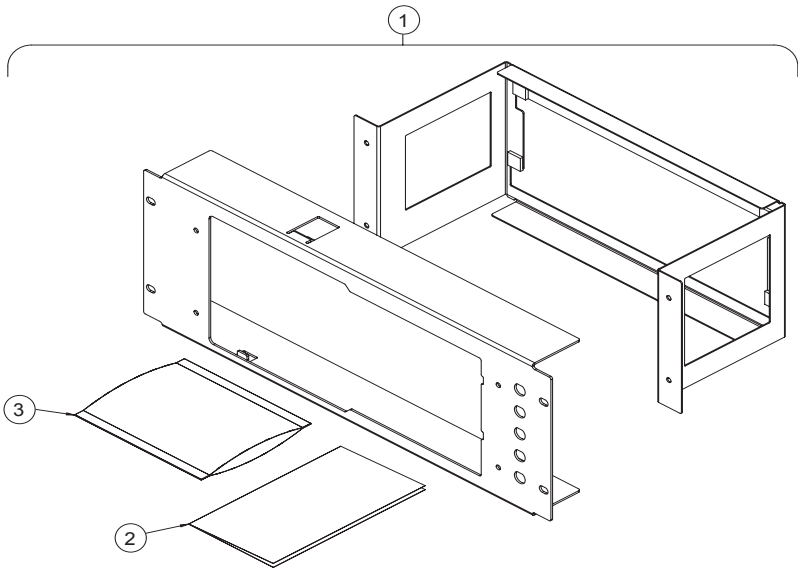


Figure 1: RM3100 Rackmount Kit

Unpack

Unpack the RM3100 Rackmount Kit and check that you received all items listed in Table 1.

Table 1: RM3100 kit parts

Figure #	Part number	Quantity	Description
1-1	RM3100	1 ea	RM3100 rackmount kit, includes a front and back panel set, Instructions, bag of screws and handles
1-2	071-1758-xx	1 ea	RM3100 Rackmount Kit – Instructions
1-3	016-1964-xx[1]	——	Standard mounting hardware in plastic bag, consisting of the following:
2-1	Not saleable	2 ea	Carrying handles
2-2	Not saleable	4 ea	(For handles) Screws 8-32 x 1/2 pan head phil
2-3	Not saleable	4 ea	(For handles) #8 split lock washers
2-4 [2]	Not saleable	5 ea	Caps
3-1 [1]	Not saleable	4 ea	Screws M 5 x 16 oval head phil
		4 ea	Screws M 6 x 16 oval head phil
		4 ea	Screws 10-32 x 3/4 oval head poz
		4 ea	Screws 12-24 x 3/4 oval head poz
3-2 [1]	Not saleable	4 ea	M5 flat washers
		4 ea	M6 flat washers
		4 ea	#10 finish washers
		4 ea	0.203 ID x 0.625 OD flat washers
Not shown	Not saleable	6 ea	Nuts 8-32 x 11/32 hex w/ext tooth lock washers [3]

1. **Use the appropriate screws and washers for your size rack (there will be extra hardware).**
2. **Use these caps when the D-shape holes are plugged.**
3. **Use these nuts and washers when the carrying handles are not attached.**

Assembly Instructions Assembly instructions are shown in Figure 2 and Figure 3.

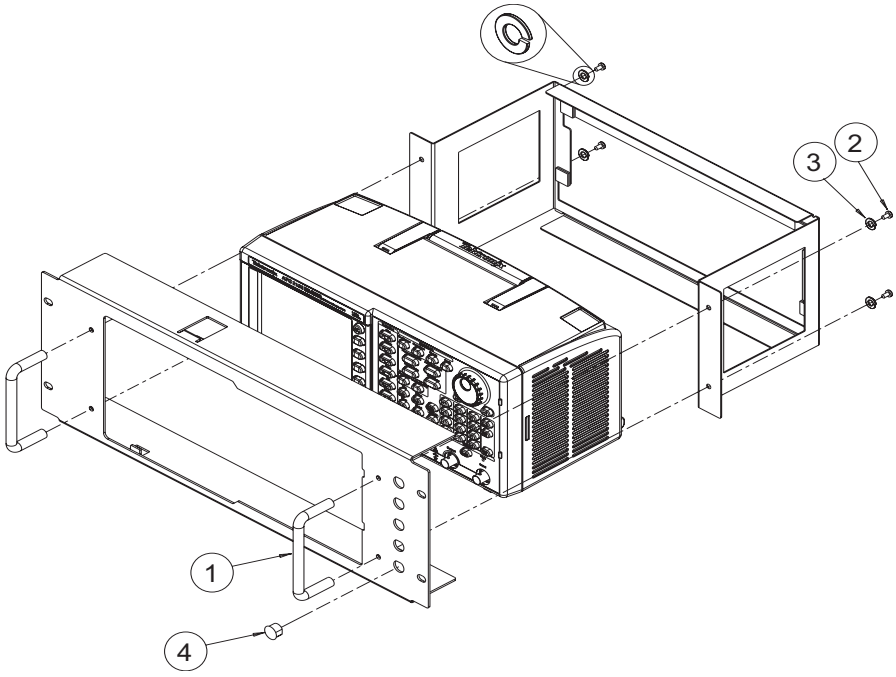


Figure 2: RM3100 Rackmount kit assembly – step 1

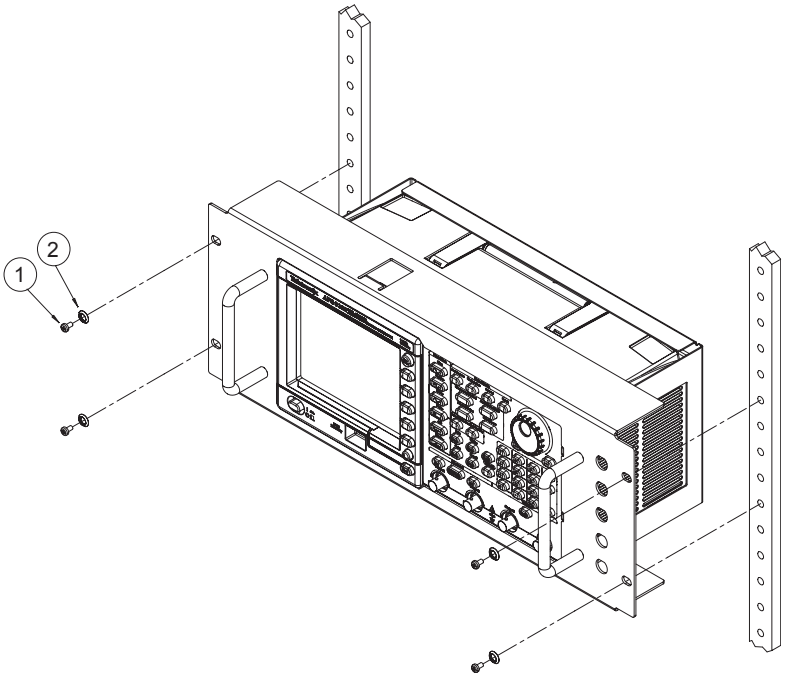
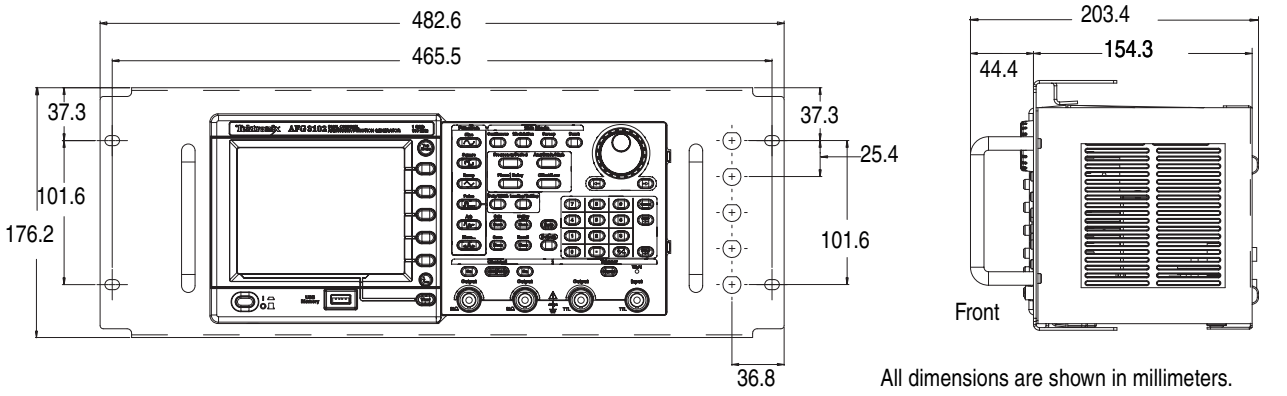


Figure 3: RM3100 Rackmount kit assembly – step 2

Dimensions



All dimensions are shown in millimeters.

RM3100 conforms to EIA-310-D specification.

Weight (without AFG3000 series): 2.1 kg

Figure 4: RM3100 Rackmount kit dimensions

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